

SOX3	.....MRPVRENSSGARSPRVPADLARSILISLPFPDPSLAHRPPSSAPTESQGLFTVAAPAPGAPSPATLAHLIPAPAMYSLLETETELKNPVGT	90
SOX1	MYSMMMETDLHS <del>GGGAQAPTNLSGPAGAGGGGGGGGGGGGCAKANQDRVKRPNNARFVWNSRGORRRKVAQENPKMHNSELSKRLGAENKVMSEALEKRPRIIDE</del>	103
SOX2	MY-NMMETELKPPGPGQOTS-----GGCGCNSTAAAGGNQKNSPDRVKRPNNARFVWNSRGORRRKVAQENPKMHNSELSKRLGAENKVMSEALEKRPRIIDE	93
SOX3	PTQAAGTGGPAA <del>GGGAGKSSANAAGGANSGGGSSGGASGGGGG--TDQDRVKRPNNARFVWNSRGORRRKVAQENPKMHNSELSKRLGADWKLLTDAEKRRPEIDE</del>	191
SOX21	.....MSKPVDRVKRPNNARFVWNSRAQRRKVAQENPKMHNSELSKRLGAENKVMSEALEKRRPEIDE	60
SOX1	AKTRPALHMKHEHPDVGRRPRKTKTLKNDKVSZA-----GGTAAAGAGGGGA <del>AVAMGVGVGGA-APVQRLES</del> PGGAAGGAYAHVNGWANGAMPGAVAAAA	200
SOX2	AKTRPALHMKHEHPDVGRRPRKTKTLKNDKVSZP-----GGTAPG-----GNSMASGVGVGAGLGAQVNRMDS-----YAHMNGVNSGSY	171
SOX3	AKTRPAVHMKVEYPDVRRPRKTKTLKNDKVSZP-----SGTTPPGAAAAA <del>AAAAAASSPV-GVGRQIDT--YTHVNGWANGAY</del>	272
SOX21	AKTRPAVHMKHEHPDVGRRPRKTKTLKNDKVSZP-----GGVADAEHPALKA <del>GAGLHAGAGGCLVPESL-LANPEKAAAAA</del> AAARVFFPQSAAAAA	162
SOX1	AAAAAQEAQ <del>AYGQHPGAGGAHPHRTPAHPHPHHAH-PHNPQPMHRYDNGALQVSPISN--SQGYMSA</del> SPS-----GYGGILPYGAAAA <del>AAAAAHONSAAVAA</del>	295
SOX2	---SMMQD-QLGVPOHPGL-----NAHGAQMQPMHRYDVSAQVNSMTS--SQTYVNGSPY-----YSMSYSQQGTPG	234
SOX3	---SLVQE-QLGVAQPPSMSS-----PPPPPALHRYD <del>MAGLQVSPMPPGAGQSYANVAAAAAASGYGGNAPSATAAAAAAYGQOPATA</del>	352
SOX21	AAAA-----GSPYSLIDLGSKMAEISS--SSGLPYA <del>SSSL--GY--PTAGAGAFHGA--AAAAAA</del>	214
SOX1	AAAAAASSGALGALGSLVKSEPSGSP-----APAHSRAPCPGDIREMISMY <del>PAEGGG--DPAAAAA</del> AAASQRLHSLPOHYQGA---GAGVNGTVPLZTHI	387
SOX2	-----MALGSMGSVVKSEASSSPVVTSSSHSRAPCOAGDRDMISMYLP <del>GAEVP--EPAA-----PSRLHMS-QHYQSGVPVPGTAINGCLPLSHM</del>	317
SOX3	AAAAA <del>AAAMSLGPMGSVVKSEPSGSP</del> -----AIASHQRA <del>CLGDRDMISMYLP</del> PGG-----DAADAASPLPGGRLHGVHXYQGA---GTAVNGTVPLZTHI	443
SOX21	AAAAA-----GGHTSHPI <del>SPGNPGYMITPCNSAWPSGLQPPA--YILLP-GMGKPOLDEYPAAYAAAL</del>	276

Fig. 1